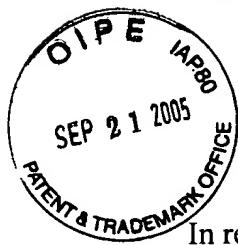


9-23-05

COFC/4

EXPRESS MAIL NO.: EV 685780513 US

Mailed: September 21, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of  
Rong-Chang LIANG, et al.

Art Unit: 2873

Application No. 09/518,488  
(Now U.S. Patent No. 6,930,818)

Examiner: TRA, Tuyen Q.

Filed: March 3, 2000  
(Now Issued August 16, 2005)

Attorney's Docket No:  
07783.0002.NPUS00

For: **ELECTROPHORETIC  
DISPLAY AND NOVEL  
PROCESS FOR ITS  
MANUFACTURE**

**Certificate  
SEP 3 0 2005  
of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION**

ATTN: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests the Commissioner to issue a Certificate of Correction for the above-identified U.S. Patent No. 6,930,818 under 37 C.F.R. §1.322 and §1.323. The U.S. Patent and Trademark Office is authorized to charge the requisite fee \$100 set forth in § 1.20(a) and any fee deficiency to deposit account 08-3038 references attorney docket number 07783.0002.NPUS00.

Applicants hereby request the following corrections in the above-captioned patent.

09/28/2005 MAHMEDI 00000083 083038 6930818

01 FC:1811 100.00 DA

OCT 4 2005

OCT 4 2005

## THE CORRECTIONS

### On the Title Pages:

Page 1, (56), Reference cited, Under U.S. PATENT DOCUMENTS

Right Column, line 5, after "5,978,062", insert --

3,229,607	01/1966	Battaglia
3,689,346	09/1972	Rowland
3,885,964	05/1975	Nacci
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6,113,836	09/2000	Sakai et al.
6,120,946	9//2000	Johnson et al.
6,166,797	12//2000	Bruzzone et al.
6,191,250	02/2001	Aida et al.

6,400,492	06/2002	Morita et al.
6,512,626	01/2003	Schmidt
6,514,328	02/2003	Katoh et al.
4,190,352	02/1980	Bruning
4,924,257	05/1990	Jain
5,285,236	02/1994	Jain
5,652,645	07/1997	Jain
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5,432,526	07/1995	Hyatt
5,995,190	11/1999	Nagae et al.
5,956,112	09/1999	Fujimori et al.
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2001/0009352	07/2001	Moore
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2002/0196525	12/2002	Chen et al.
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09/606,654	1/2004	Liang, et al.

--

Page 1, (56) Reference cited, Under FOREIGN PATENT DOCUMENTS

Line 4, change "JP 5917930" to --JP 59171930--.

Line 16, after "WO WO 00/60410 10/2000", insert --

DE	199 27 359.6	12/2000
CA	2,340,683	2/2001
EP	0990942	04/2000
EP	1065553	01/2001
EP	1195603	04/2002
JP	60-205452	10/1985
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JP	02284126	11/1990

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JP	2000-035677	02/2000
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JP	2001-042118	02/2001
JP	2001-056653	02/2001
WO	WO 97/04398	02/1997
WO	WO 99/08151	02/1999
WO	WO 99/53373	10/1999
WO	WO 00/03291	01/2000
WO	WO 00/77571	12/2000
WO	WO 01/67170	09/2001
WO	WO 02/01281	01/2002

Page 2, right Column, 8<sup>th</sup> paragraph, line 3, after "Devices-26(8):1148-1152 (1979)",  
insert --

Drzaic, P.S., "Liquid Crystal Dispersions", The PDLC Paradigm, pp 1-9, (1995)

Singer, B. et al, "X-Y Addressable Electrophoretic Display", Proc. SID 18(3/4), pp-255-266 (1977)

Kazlas, P. et al., "12.1: 12.1" SVGA Microencapsulated Electrophoretic Active Matrix Display for Information Applicances" *SID 01 Digest* 152-155 (2001)

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Swanson et al., "5.2: High Performance Electrophoretic Displays" *SID 00 Digest*, pp-29-31 (2000)

Inoue, S. et al., "High Resolution Microencapsulated Electrophoretic Display (EPD) Driven by Poly-Si TFTs With Four-Level Grayscale" *IEEE Transactions on Electron Devices* 49(8), pp-1532-1539 (2002)

Matsuda Y. "Newly designed, high resolution, active matrix addressing in plane EPD" *IDW 02 EP2-3* 1341-1344 (2002)

Ota et al., "Developments in Electrophoretic Displays" *Proc. of SID*, Vol. 18/3&4, pp-243-254 (1977)

--.

**In the Specification:**

Column 4, at line 43, change "their" to --its--.

Column 7, at line 35, between "not" and "swollen", insert --be--.

Column 8, at line 44, change "the, residual" to--the residual--.

**In the Claims:**

Column 16, Claim 25, line 6, change "mode" to -- mold --.

### **THE REMARKS**

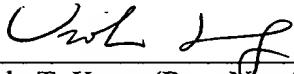
The corrections on Cover Page 1 (JP 59171930) and in Columns 8 and 16 are to correct typographical errors incurred through the fault of the U.S. Patent and Trademark Office.

The insertion of the omitted cited references on Cover Pages 1 and 2 are to correct errors incurred through the fault of the U.S. Patent and Trademark Office. A copy of the initialed PTO-1449 (4 pages), which was dated November 21, 2003 by the Examiner, is enclosed herewith. The entire references listed in this PTO-1449 are omitted on the cover pages in the issued patent. Applicants have rearranged the cited references in the Certificate of Correction such that the U.S. Patents are listed in the order of increasing number and foreign patents are listed in the order of country. USSN 09/606,654, which was listed at page 4 of PTO-1449 under OTHER DOCUMENTS, is now listed under U.S. PATENT DOCUMENTS. The '654 Application has been issued as U.S. Patent 6,672,921 on January 6, 2004.

The corrections in columns 4 and 7 are to correct grammatical errors.

Respectfully submitted,

Date: September 21, 2005

  
\_\_\_\_\_  
Viola T. Kung (Reg. No. 41,131)

Enclosure (Examiner-initialed PTO-1449)

**HOWREY, LLP**  
2941 Fairview Park Drive  
Box 7  
Falls Church, VA 22042  
Tel: (650) 463-8181  
Fax: (650) 463-8400

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

Page 1 of 4

PATENT NO. : 6,930,818

APPLICATION NO.: 09/518,488

ISSUE DATE: : August 16, 2005

INVENTOR(S) : Rong-Chang Liang, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Pages:

Page 1, (56), Reference cited, Under U.S. PATENT DOCUMENTS

Right Column, line 5, after "5,978,062", insert --

3,229,607	01/1966	Battaglia
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5,285,236	02/1994	Jain	
5,652,645	07/1997	Jain	
5,398,041	03/1995	Hyatt	
5,432,526	07/1995	Hyatt	
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WO	WO 02/01281	01/2002

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Matsuda Y. "Newly designed, high resolution, active matrix addressing in plane EPD" IDW 02 EP2-3 1341-1344 (2002)

Ota et al., "Developments in Electrophoretic Displays" Proc. of SID, Vol. 18/3&4, pp-243-254 (1977)

Kishi, E et al, "5.1 Development of In-Plane EPD", Canon Research Center, SID 00 Digest, pp-24-27

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Column 8, at line 44, change "the, residual" to--the residual--.

**In the Claims:**

Column 16, Claim 25, line 6, change "mode" to -- mold --.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

HOWREY LLP

2941 Fairview Park Drive, Box 7

Falls Church, VA 22042

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

INFORMATION DISCLOSURE  
STATEMENT  
PTO-1449

ATTY. DOCKET NO.  
26822-0002

SERIAL NO.  
09/518,488

APPLICANTS: RONG, Chang-Liang, et al.

FILING DATE: 03/03/2000

GROUP: 2873

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
T.T.	5,177,476	01/05/1993	Disanto et al.			
T.T.	5,872,552	02/16/1999	Gordon II et al.	RECEIVED		
T.T.	4,655,897	04/07/1987	Disanto et al.	SEP 09 2003		
T.T.	3,689,346	09/05/1972	Rowland	OFFICE OF PETITIONS		
T.T.	5,942,154	08/24/1999	Kim et al.			
T.T.	3,229,607	01/18/1966	Battaglia			
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T.T.	4,741,604	05/03/1988	Kornfeld			
T.T.	5,200,120	04/06/1993	Sakai			
T.T.	6,113,836	09/05/2000	Sakai et al.			
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T.T.	5,739,889	04/14/1998	Yamada et al.			
T.T.	6,120,946	9/19/2000	Johnson et al.			
T.T.	6,166,797	12/26/2000	Bruzzone et al.			
T.T.	5,843,333	12/01/1998	Hakemi			
T.T.	5,460,688	10/24/1995	Disanto et al			
T.T.	3,892,568	07/01/1975	Ota et al.			

INFORMATION DISCLOSURE STATEMENT  PTO-1449	ATTY. DOCKET NO. 26822-0002	SERIAL NO. 09/518,488
	APPLICANTS: RONG, Chang-Liang, et al.	
	FILING DATE: 03/03/2000	GROUP: 2873

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T.T.	2002/0018043	02/14/2002	Nakanishi			
T.T.	2002/0188053	12/12/2002	Zang et al.			
T.T.	20020126249	12/05/2002	Chan-Park, et al.			
T.T.	20020126249	09/12/2002	Liang, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY (Inventor)	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
T.T.	199 27 359.6	Pub. Date 12/21/00	Germany <sup>1</sup> (Schmidt, F. G.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
T.T.	2,340,683	Nat'l Entry Dt 2/14/2001	Canada (Schmidt, F. G.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
T.T.	EP 1065553	Pub Date 01/03/2001	Europe (Ogawa)			<input type="checkbox"/>	<input type="checkbox"/>
T.T.	EP 0990942	Pub Date 04/05/2000	Europe (Yamanaka)			<input type="checkbox"/>	<input type="checkbox"/>
T.T.	EP 1195603	Pub Date 04/10/2002	Europe (Kawai)			<input type="checkbox"/>	<input type="checkbox"/>
T.T.	JP 6242423	Pub Date 09/02/1994	Japan (Nakai Yuichi) (English abstract included)			<input type="checkbox"/>	<input checked="" type="checkbox"/>

<sup>1</sup> See English counterparts US Patent No. 6,512,626 or Canadian Patent Application No. 2,340,683. Applicant would be happy to obtain a direct translation of the document if desired.

<b>INFORMATION DISCLOSURE STATEMENT</b>  <b>PTO-1449</b>	ATTY. DOCKET NO.	SERIAL NO.
	26822-0002	09/518,488
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**FOREIGN PATENT DOCUMENTS**

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T.T.	JP 1-86116	Pub Date 01/26/1990	Japan (Seiichiro) (English abstract included)			<input type="checkbox"/> <input checked="" type="checkbox"/>
T.T.	JP 60-205452	Pub Date 10/17/1985	Japan (Hisanori) (English abstract included)	SEP 09 2003		<input type="checkbox"/> <input checked="" type="checkbox"/>
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T.T.	JP 2000 075497	Pub Date 03/14/2000	Japan (English abstract included)			<input type="checkbox"/> <input checked="" type="checkbox"/>
T.T.	JP 2001 042118	Pub Date 02/16/2001	Japan (English abstract included)			<input type="checkbox"/> <input checked="" type="checkbox"/>
T.T.	JP 2001 056653	Pub Date 02/27/2001	Japan (Hayakawa) (English abstract included)			<input type="checkbox"/> <input checked="" type="checkbox"/>
T.T.	JP 02284126	Pub Date 11/21/1990	Japan (Oshiro) (English abstract included)			<input type="checkbox"/> <input checked="" type="checkbox"/>
T.T.	WO 97/04398	Pub Date 02/06/1997	PCT (Jacobson)			<input type="checkbox"/> <input type="checkbox"/>
T.T.	WO 00/77571	Pub Date 12/21/00	PCT <sup>1</sup> (Schmidt, F. G.)			<input type="checkbox"/> <input checked="" type="checkbox"/>
T.T.	WO 01/67170	Pub Date 09/13/2001	PCT (Liang et al.)			<input type="checkbox"/> <input type="checkbox"/>
T.T.	WO 99/08151	Pub Date 02/18/1999	PCT (Bruzzone et al.)			<input type="checkbox"/> <input type="checkbox"/>
T.T.	WO 00/03291	Pub Date 01/20/2000	PCT (Jacobson et al.)			<input type="checkbox"/> <input type="checkbox"/>
T.T.	WO 02/01281	Pub Date 01/03/2002	PCT (Liang et al.)			<input type="checkbox"/> <input type="checkbox"/>
T.T.	WO 99/53373	Pub Date 10/21/1999	PCT (Drzaic)			<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

T.T.	Drzaic, P.S., "Liquid Crystal Dispersions", The PDLC Paradigm, pp 1-9, (1995)
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<sup>1</sup>See English counterparts US Patent No. 6,512,626 or Canadian Patent Application No. 2,340,683. Applicant would be happy to obtain a direct translation of the document if desired.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).